

## In the claims

Claim 1 (currently amended) A process for treating contaminated water comprising:

filling a water tank with a predetermined amount of antimicrobial sand  
said sand being prepared by mixing aluminum oxide with water,  
adding acid to form a gelatinous solution, immersing sand in the  
gelatinous solution, calcining the sand at 400 to 1500 degree C, and  
impregnating the calcined sand with a quaternary ammonium salt  
solution of 3-(trimethoxysilyl)-propyldimethyloctadecyl ammonium  
chloride

~~selected from the group consisting of silver compound coated, copper~~  
~~compound coated and quaternary ammonium salt coated and the~~  
~~mixture thereof, and introducing said contaminated water through the~~  
~~antimicrobial sand acting as a filter, wherein the silver compound~~  
~~coated sand and the copper compound coated sand are calcined at~~  
~~800°C-900°C.~~

Claims 2-4 (canceled)

Claim 8. (original) The process of claim 1 further comprising:  
introducing water to be treated through an inlet to the tank;  
passing water downwardly through said sand and  
providing clean water at an outlet of the tank.

Claim 9. (currently amended) The process of claim 8, wherein water to be treated is introduced to the outlet, passing upwardly through the filter and providing clean water at the inlet.

Claim 11. (original) The process of claim 1, wherein the antimicrobial sand is encased in a wire mesh case having mesh openings smaller than the size of the sand particles.